

WHAT IS CLAIMED IS:

- 1 1. A method for reporting event data to requesting
2 subscribers using a manufacturing repository for collecting event data that is
3 connected to a subscriber profile system for storing information relating to
4 subscribers and a production system for storing information relating to
5 manufacturing, comprising the steps of:
6 gathering event data from a plurality of devices connected to the
7 manufacturing repository;
8 saving the event data to a database;
9 notifying designated subscribers according to criteria indicated by
10 subscriber profiles; and,
11 generating selectively subscription reports according to criteria
12 indicated by subscriber profiles.
- 1 2. The method according to claim 1 wherein the event data
2 further comprises information relating to any one from the group of region,
3 manufacture, model or customer identification.
- 1 3. The method according to claim 1 wherein the subscription
2 report comprises information in the form of text, tables, charts and/or graphs.
- 1 4. The method according to claim 1 further comprising the
2 step of sending the subscription report to a requesting subscriber.
- 1 5. The method according to claim 1 further comprising the
2 steps:
3 requesting to set up or change a subscriber profile;
4 entering new subscriber information to a subscriber profile; and,
5 saving the new subscriber profile to the manufacturing repository.

6. The method according to claim 5 wherein said step of entering new subscriber information further comprising the steps of:

- entering contact information of the subscriber;
- entering subscriber's desired notification request;
- entering subscription report criteria; and,
- entering designated time cycle for subscription report.

7. The method according to claim 6 wherein the time cycle includes any one from the group of none, daily, weekly, monthly, quarterly or yearly.

8. The method according to claim 5 wherein, prior to said step of saving new subscriber profile, further comprising the steps of:

- sending the new subscriber profile to the manufacturing repository; and,
- receiving the new subscriber profile by the manufacturing repository.

9. The method according to claim 1 wherein, prior to said step of gathering event data, further comprising the steps of:

- sending the event data to the manufacturing repository; and,
- receiving the event data by the manufacturing repository.

10. The method according to claim 1 wherein said step of notifying designated subscribers further comprising the steps of:

- searching the subscriber profile for notification requests for the event data according to the requested criteria;
- determining whether there is any notification requests for the event data;
- composing notifications for each notification request determined in the subscriber profile; and,

9 sending out the notifications to the requesting subscriber.

1 11. The method according to claim 10 further comprising the
2 step of idling until the manufacturing repository receives the event data.

1 12. The method according to claim 10 wherein the indicated
2 criteria includes any one from the group of event occurrence by page count,
3 event occurrence by region, event occurrence by manufacturing information,
4 event occurrence by device model, or event occurrence by customer.

1 13. The method according to claim 1 wherein said step of
2 generating scheduled subscription reports further comprising the steps of:

3 searching the subscriber profile for any scheduled subscription
4 report due;

5 determining whether there is any scheduled subscription report
6 due; and,

7 accessing information relating to the subscriber of any
8 predetermined scheduled subscription report due.

1 14. The method according to claim 13 further comprising the
2 step of updating information from the subscriber profile.

1 15. The method according to claim 13 further comprising the
2 steps of:

3 accessing the information relating to the manufacturing from the
4 production system; and,

5 updating information from the production system.

1 16. The method according to claim 13 further comprising the
2 steps of:

3 sorting the information for the scheduled subscription report
4 according to the criteria of the requesting subscriber profile; and,

5 formatting the information to generate the report.

1 17. A computer program product comprising a computer
2 usable medium having computer readable program codes embodied in the
3 medium that when executed causes a computer to:
4 gather event data from a plurality of devices connected to a
5 manufacturing repository;
6 save the event data to a database;
7 notify designated subscribers according to criteria indicated by
8 subscriber profiles; and,
9 generate selectively subscription reports according to criteria
10 indicated by subscriber profiles.